

EXTALCT12OS2C1P

**OS2 12 cores central loose tube optical fiber cable LSZH C1 sheath**



## DESCRIPTION

EXTALCTC1 fiber cables are designed for nuclear facilities and applications. Its C1 fire behavior rate allows its installation in sensitive areas. Available in single mode up to 48 fibers in multi-tube and in compliance with IEC, ITU and TIA standard



## ADVANTAGES

- Excellent fire resistance : cable compliant with NF C 32070 C1
- Armour offering a high crush resistance (can be dug without protection) and anti rodents Armour
- Excellent waterproofing
- LSZH black sheath for a good UV resistance



## CONSTRUCTION & TECHNICAL PERFORMANCE

Overall Armor	Armure Acier
Color	Heather Violet RAL 4003
Minimum diameter of the outer sheath (mm)	9,3
Nom. diameter of the outer sheath (mm)	9,6
Max. diameter of the outer sheath (mm)	9,9
Number of active tubes	1
Total number of tubes	1
Number of Optical Fibers	12
Number of Fibers per Tube	12
Sheath Type	LSZH

## ELECTRICAL CHARACTERISTICS

Optical Performance	OS2
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## TRANSMISSION CHARACTERISTICS

Data Transmission Standard	EN 50173, ISO 11801-1 et TIA 568-3.D
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## MECHANICAL CHARACTERISTICS

Structure	Libre
Max Short-Term Tensile Strength	1800
Max Long-Term Tensile Strength	1000
Bending Radius in Fixed Installation	20 x Ø ext
Bending Radius in Mobile Installation	20 x Ø ext
Max Short-Term Crush Resistance	2000
Max Long-Term Crush Resistance	2000
Impact Resistance	5J

## ENVIRONMENTAL CHARACTERISTIC

CPR classification	Eca
Fire behaviour	NF C32-070 Cat. C1
UV Resistance	No
Component Standard	IEC 60794-1-2

## ADDITIONAL INFORMATION

Product Packaging	Drum
Weight (Kg)	0.18

## Additional Information

Code couleur des fibres suivant les normes  
TIA/EIA 598A et IEC 304

